



Fig. 1

Client 10

Obtain  
Authentication  
Credentials -  
[Step 100]

↓  
Transmit  
Credentials -  
[Step 105]

Communication  
channel 18

Authentication  
Credentials

Server 15

→ Create First Key -  
[Step 110]

↓  
Encrypt  
Authentication  
Credentials with  
First Key - [Step  
115]

↓  
Create First SID -  
[Step 120]

↓  
Store Encrypted  
Authentication  
Credentials and SID  
in Table - [Step 125]

↓  
Transmit First Key  
and First SID to  
Client - [Step 135]

↓  
Delete Key - [Step  
145]

← Store First SID and  
First Key  
- [Step 140]

First Key, First SID

FIG. 2A

Client 10

Communication  
channel 18

Server 15

Break in First Communication Session

[Step 150]

Transmit First Key  
and First SID  
[Step 155]

First Key, First SID

Decrypt Encrypted  
Authentication  
Credentials - [Step  
160]

Create Second Key  
- [Step 170]

Encrypt New  
Authentication  
Credentials with  
Second Key - [Step  
175]

Create Second SID -  
[Step 180]

Transmit Second  
Key and Second  
SID to Client - [Step  
185]

Store Second SID  
and Second Key  
- [Step 190]

Second Key, Second  
SID

Delete Second Key -  
[Step 195]

FIG. 2B